

Wai Ming Chan

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Education

- Ph.D. in Electronic Engineering** Sep 2016 - Aug 2020
City University of Hong Kong
Advisor: Prof. Hing Cheung So, Dr. Taejoon Kim
- B.Eng. in Information Engineering** (with First Honors) Sep 2011 - Aug 2014
City University of Hong Kong

Professional Experience

- Research Assistant** Feb 2015 - Aug 2016
Department of Electronic Engineering, City University of Hong Kong

Research Interests

Multiple-input and multiple-output (MIMO) communications, millimeter-wave MIMO channel estimation/precoder optimization, channel modeling

Publications

- 1) W. M. Chan, T. Kim, H. Ghauch, M. Bengtsson, Subspace Estimation and Hybrid Precoding for Wideband Millimeter-Wave MIMO System, IEEE 50th Asilomar Conf., Pacific Grove, CA, 2016 (*Invited Paper*).
- 2) M. Dong, W. M. Chan, T. Kim, K. Liu, H. Huang, G. Wang, Simulation Study on Millimeter Wave 3D Beamforming Systems in Urban Outdoor Multi-Cell Scenarios Using 3D Ray Tracing, IEEE PIMRC 2015 Workshop, Hong Kong, September, 2015.

Teaching Experience

Teaching Assistant
EE3008 Principles of Communication, CityU, 2016/17 Semester A